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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,926	02/23/2004	Yoshihiro Imajo	HITA.0518	7547
7590	12/06/2005		EXAMINER	
Stanley P. Fisher Reed Smith LLP Suite 1400 3110 Fairview Park Drive Falls Church, VA 22042-4503			NGUYEN, HOAN C	
			ART UNIT	PAPER NUMBER
			2871	
DATE MAILED: 12/06/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

Office Action Summary

Application No.

10/782,926

Applicant(s)

IMAJO ET AL.

Examiner

HOAN C. NGUYEN

Art Unit

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☒ Claim(s) 1-38 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-30, drawn to a liquid crystal display with mounting board, classified in class 349, subclass 152.
- II. Claims 31-38, drawn to a method of inspecting a liquid crystal display device, classified in class 349, subclass 192.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In this case a liquid crystal display (invention I) can be inspected before the board is arranged on the back surface of the display panel to avoid the defect display panel before connecting to circuit board.

Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, restriction for examination purposes as indicated is proper.

Group I contains embodiments directed to the following patentably distinct species of the claims invention:

- 1: Embodiment 1 according to Fig. 22 from paragraph [122] to [149].

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- 2: Embodiment 2 according to Fig. 2 from paragraph [151] to [154].
- 3: Embodiment 3 according to Fig. 3 from paragraph [155] to [162].
- 4: Embodiment 4 according to Fig. 4 from paragraph [163] to [169].
- 5: Embodiment 5 according to Fig. 5 from paragraph [170] to [176].
- 6: Embodiment 6 according to Fig. 6 from paragraph [177] to [182].
- 7: Embodiment 7 according to Fig. 7 from paragraph [183] to [188].
- 8: Embodiment 8 according to Fig. 8 from paragraph [189] to [210].
- 9: Embodiment 9 according to Fig. 10 from paragraph [211] to [218].
- 10: Embodiment 10 according to Fig. 11 from paragraph [219] to [223].
- 11: Embodiment 11 according to Fig. 12 from paragraph [224] to [230].
- 12: Embodiment 12 according to Fig. 13 from paragraph [231] to [236].
- 13: Embodiment 13 according to Fig. 14 from paragraph [237] to [242].
- 14: Embodiment 14 according to Fig. 15 from paragraph [243]-[252].
- 15: Embodiment 15 according to Fig. 16 from paragraph [253] to [261].
- 16: Embodiment 16 according to Fig. 17 from paragraph [262] to [264].
- 16: Embodiment 17 according to Fig. 18 from paragraph [265] to [270].
- 17: Embodiment 18 according to Fig. 19 from paragraph [271] to [277].
- 19: Embodiment 19 according to Fig. 20 from paragraph [278] to [282].
- 20: Embodiment 20 according to Fig. 21 from paragraph [283] to [290].

Group II contains claims directed to the following patentably distinct species of the claims invention:

A. Claims 31 and 33-35 drawn to a method of inspecting a liquid crystal display device with the display control circuit connecting to the connector, which is mounted on the board, which may be mounted by wirings or flexible board.

B. Claims 32 and 36-38 drawn to a method of inspecting a liquid crystal display device with the display control circuit connecting to the connector, which is mounted on the board., which is mounted by connector.

If Group I or II is elected, Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, none of claims is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

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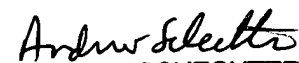
Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HOAN C. NGUYEN whose telephone number is (571) 272-2296.

HOAN C. NGUYEN
Examiner
Art Unit 2871

chn
November 29, 2005


ANDREW SCHECHTER
PRIMARY EXAMINER